

18-03-2004

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ART 34 AMDT

12

CLAIMS

1. A machine structure, in particular for a machine for handling fluid products, comprising:

-a loadbearing frame including uprights, and

-one or more covering panels,

characterized in that the uprights (12) extend in a substantially vertical direction and have an upper end close to or onto which is secured a first substantially horizontal plate (14) for connecting the uprights (12), a second substantially horizontal plate (15) being secured to the same uprights (12) to connect them in a zone beneath the first plate (14, 15) and thus form a zone for housing the mechanisms of the machine (M), at least one of the covering panels (13, 13a) being removably fitted between two uprights (12) in a covering position to at least partly cover the housing zone laterally, the uprights (12) having longitudinal connection means (22) for restraining said covering panels (13, 13a), at least one covering panel (13, 13a) having a curvature with convexity away from the housing zone.

2. A structure according to claim 1, characterized in that one or both plates (14, 15) have peripheral connection means to at least partly support at least one side panel (13, 13a) in the covering position.

3. A structure according to claim 1, characterized in that it comprises three uprights (12).

4. A structure according to any one of the preceding claims, characterized in that the second plate (15) is secured in a median zone of the uprights (12).

5. A structure according to claim 4, characterized in that

Empf.zeit:18/03/2004 01:32

Empf.nr.:599 P.002

AMENDED SHEET

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18-03-2004

IB0301160

ART 34 AMDT

13

the covering panels (13, 13a) extend vertically over a distance which is substantially equal to the distance between the two plates (14, 15).

6. A structure according to claim 4, characterised in that at least one side panel (13a) extends over a length substantially equal to the height of the upright (12).

7. A structure according to any one of the preceding claims, characterized in that it has a frontal zone (16) for working access to the functions of the mechanisms of the machine (M) housed within the structure.

8. A structure according to claim 7, characterized in that it has a working surface or support (17) provided in the front zone (16), mounted so that it can be drawn out or moved to disappear, or tilted.

9. A structure according to any one of the preceding claims, characterized in that the first upper plate (14) comprises a plurality of shaped openings (27) to house and support components of the machine (M).

10. A structure according to claim 9, characterized in that it comprises a covering member (28, 45) located on the first upper plate (14) to at least partly cover one or more shaped openings (27).

11. A structure according to any one of the preceding claims, characterized in that it comprises bracing ties (30) which connect the uprights (12) together.

12. An assembly kit for constructing a machine structure according to any one of claims 1 to 11, characterised in that

Empf.zeit:18/03/2004 01:32

Empf.nr.:599 P.003

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18-03-2004

IB0901160

## ART 34 AMDT

14

it comprises:

- two or more elongated uprights (12),
- at least two plates (14, 15) connecting the uprights (12), connecting members to secure the plates (14, 15) to the uprights (12) at a predetermined distance, and
- one or more side covering panels (13, 13a) each designed to be restrained between two uprights (12).

13. A process for the assembly of a machine structure according to any one of claims 1 to 11, characterized in that it comprises the stages of:

- mounting the first upper plate (14) close to one end of each upright (12),
- mounting the second plate (15) on uprights 12 at a predetermined distance from the said end of each upright (12),
- mounting the components of machine (M) in the housing zone formed between the first (14) and the second (15) plate, and
- mounting the side covering panels (13, 13a) each between two adjacent uprights (12).

Empf.zeit:18/03/2004 01:32

Empf.nr.:599 P.004

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